

# iHome®

*Model iP21*  
**Alarm Clock for  
your iPhone/iPod®**



**Questions? Visit [www.ihomeaudio.com](http://www.ihomeaudio.com)**

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## Maintenance

- Place the unit on a level surface away from sources of direct sunlight or excessive heat.
- Protect your furniture when placing your unit on a natural wood and lacquered finish. A cloth or other protective material should be placed between it and the furniture.
- Clean your unit with a soft cloth moistened only with mild soap and water. Stronger cleaning agents, such as Benzine, thinner or similar materials can damage the surface of the unit.

## FCC Information

This device complies with Part 15 of the FCC Rules, operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with the limits for a Class B digital device as specified in Part 15 of FCC Rules. These limits provide reasonable protection against radio and TV interference in a residential area.

However, your equipment might cause TV or radio interference even when it is operating properly. To eliminate interference you can try one or more of the following corrective measures:

- Reorient or relocate the receiving antenna.
- Increase the distance between the equipment and the radio or TV.
- Use outlets on different electrical circuits for the equipment and the radio or TV.
- Consult your dealer or an experienced radio/television technician if the problem still exists.

Modifying or tampering with your system's internal components can cause a malfunction and might invalidate the system's warranty and void your FCC authorization to operate it.

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

## Battery Warning

### For models that use Lithium batteries

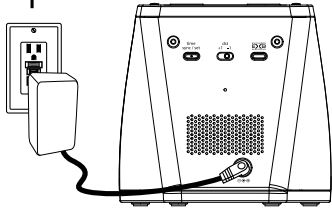
- Lithium batteries can explode or cause burns if disassembled, shorted, recharged, exposed to water, fire, or high temperatures. & not handled appropriately
- Do not place loose batteries in a pocket, purse, or other container containing metal objects, mix with used or other battery types, or store with hazardous or combustible materials.
- Store in cool, dry, ventilated area.
- Follow applicable laws and regulations for transport and disposal.

### For models that require more than one battery

- Do not mix with used or other battery types/brands
- Replace all cells at the same time
- Do not open batteries
- Do not dispose of in fire
- Do not heat above 75C (167F)
- Do not expose contents to water
- Do not charge or recharge
- Do not install backwards

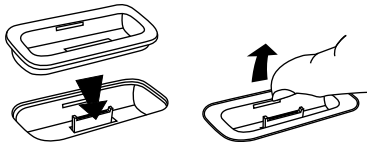
# Quick Start

## 1:power



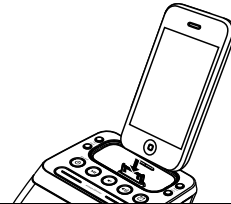
Attach AC adaptor cable to jack on back of the iP21 and plug the other end into a wall socket.

## 2:inserts



Select the dock insert for your iPhone/iPod model from the table below and place insert in dock. To remove insert, place thumbnail in slot and gently pull upwards.

## 3:iPhone/iPod



Insert iPhone/iPod into dock with proper insert (iPhone/iPod must not be in a skin or case). iPhone/iPod will charge while docked. Press **▶||** Button on iP21 to play iPhone/iPod.

Use this insert

iPod touch 2G  
insert 16

iPhone 4  
insert 19

nano 6G/touch 4G  
insert 20

For this iPhone / iPod

iPod touch 2G/3G

iPhone 4

nano 6G  
iPod touch 4G

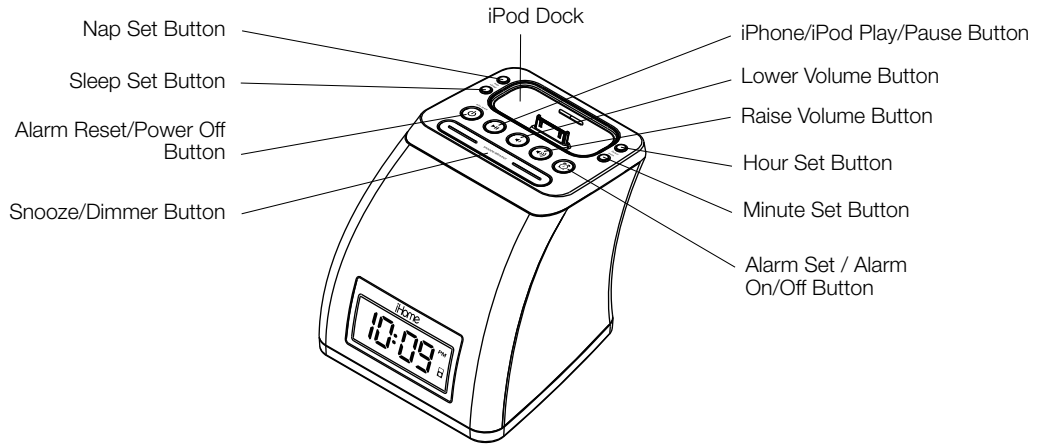
## 4:time sync



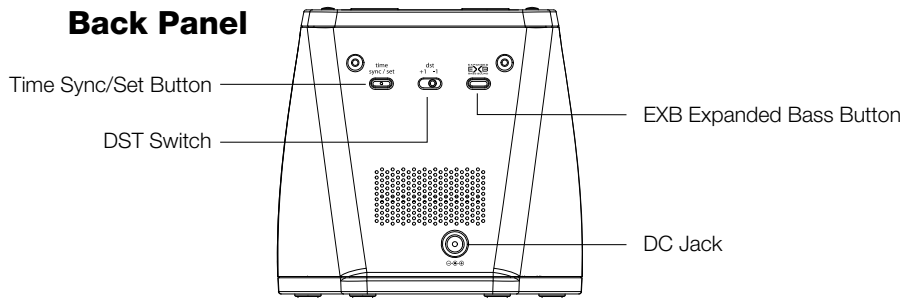
- Make sure your iPhone or iPod is properly docked
- Press the Time Sync/Set button on the back of the unit
- "SYNC" will appear on the display
- If "FAIL" appears, try again with a different iPhone or iPod, or see Setting Time Manually (page 4).

# Controls and Indicators

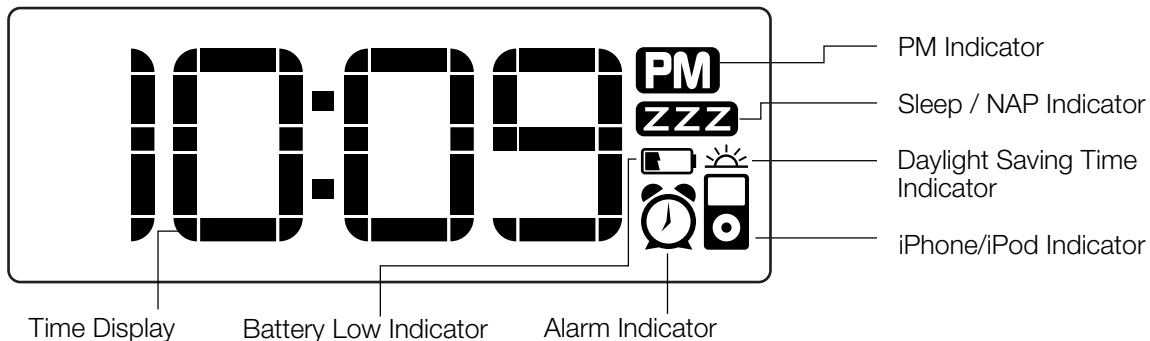
## Front Panel



## Back Panel



## iP21 Display

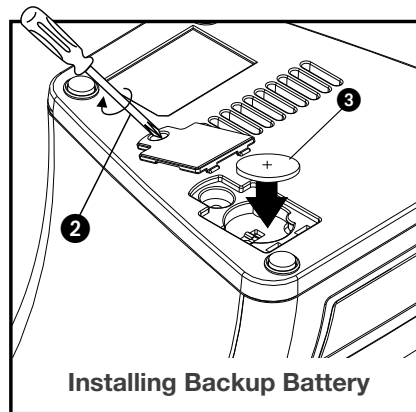


## Install Clock Backup Battery

The iP21 uses a CR2032 button cell backup battery system to provide continuous alarm operation and clock settings in the event of a power failure. The CR2032 battery comes installed in the unit. Simply pull the tab to initiate contact. If a power failure occurs or the AC adaptor is accidentally disconnected, the display backlight will not remain lit, but current time and alarm time settings will be temporarily maintained. Otherwise, you must reset the time and alarm settings. When the Battery Low indicator blinks on the display, the battery should be replaced.

1. Please make sure the AC adaptor is connected. Otherwise all settings may be lost during battery installation/replacement.
2. Using a Phillips screwdriver, open the battery compartment door located on the bottom of the unit.
3. Remove the old battery and insert one CR2032 button cell battery, checking that the + side is facing upwards. Replace the compartment door.

**Note:** Make sure you dispose of batteries properly (see your local regulations).



# Setting Up the iP21

## Setting the Clock Time Using Time Sync

The iP21 Time Sync feature allows you to sync the time setting on the iP21 to the time from your iPhone or recent model iPod (iPod touch, iPod nano and iPod Classic; older iPod models such as iPod mini do not support this feature).

1. Press the **Time Sync/Set Button** located at the back of the unit. "Sync" flashes on the lower part of the display.
2. Once sync is completed, you will hear 2 beeps and the display will show the updated time.
3. If sync was not successful, "FAIL" will appear on the display and a long beep will sound. If this happens, please try again, with a different iPhone or iPod if needed. If sync still fails, please see Setting Time Manually below to set the clock.

NOTE: iPhone time is automatically updated to the correct time via cell phone towers. The time on your iPod is accurate only to the time on the computer the last time the iPod was synced to it. It's possible to have up to 59 seconds difference between the iP21 and synced iPhone/iPod.

## Setting the Time Manually

The iP21 features a Daylight Saving Time (DST) switch to quickly add or subtract an hour for daylight saving time or standard time.

1. During daylight saving time, move the DST switch to the +1 position. The DST Icon will appear next to the time display to indicate DST is on. During standard time, move the DST switch to the -1 position.
2. Press and hold the **Time Sync/Set Button** until the display flashes. Press the **Hour Set Button** until the current hour is displayed. Next, press the **Minute Set Button** to set the current minute.
3. Press the **Time Sync/Set Button** again to confirm the clock setting. You should hear 2 beeps indicating the clock time is set.
3. For 12 hour or 24 hour time format setting: Press the **Q Button** during time setting to set 12-hour or 24-hour display format. Remember to set the correct AM or PM time (an icon to the right of the time display is the **PM indicator**; there is no AM indicator).

# Charging your iPhone/iPod

Note: Please make sure you are using the correct insert for your iPhone/iPod (see page 1) and that it is properly docked into the iP21.

1. While your iPhone/iPod is docked in the unit and the unit is connected to AC power, it recharges (until fully charged). The iP21 will not overcharge your iPhone/iPod. Note that other non-docking iPod models will NOT charge.

## To check for iPhone/iPod compatibility

iP21 is an advanced system and supports most updated iPhone/iPod features. To ensure your iPhone/iPod works properly with the iP21, please update your iPhone/iPod firmware with the latest version, available through iTunes.

## Listening to your iPhone/iPod

1. Dock the already playing iPhone/iPod. The iP21 will automatically turn on and you will hear the music playing from your iPhone/iPod. The **iPhone/iPod Icon** will appear at the right lower corner the display, indicating iPhone/iPod playing mode. For enhanced bass, press the **EXB Expanded Bass Switch** located on the back of the unit to turn ON.

**Note:** If the playing song/music loudness is too low on the iPhone/iPod itself, the iP21 may not detect that the iPhone/iPod is in play mode. Press the **▶|| Button** on the iP21 to play it.

2. When the iPhone/iPod is docked and in standby mode, press the **▶|| Button** on the iP21 to play it. The **iPhone/iPod Icon** will appear at the right lower corner the display, indicating iPhone/iPod playing mode.
3. Press the **▶|| Button** again to pause play; press again to resume it.
4. Press the **◀||) and ◀|| Button** on the iP21 to adjust the system volume.
5. To turn the iP21 OFF, press the **⏻** on the iP21. Your iPhone/iPod will continue charging while in the dock.



## Alarm Operation

The iP21 Home System for iPhone/iPod features “Sure Alarm”. If a power failure occurs or the AC adaptor is accidentally disconnected, the unit will change to buzzer alarm to wake you up (provided you have installed backup battery).

This unit also features Gentle Waking, which gradually increases the volume of whatever alarm you set.


**NOTE: TO WAKE TO iPhone/iPod, YOUR iPhone/iPod MUST BE PROPERLY DOCKED AND OFF (NOT IN PLAY MODE) OR NO ALARM WILL SOUND.**

### Setting the Alarm Time


1. Press and hold the  **Button** for 2 seconds until the display flashes. Press the **Hour Button** until the desired alarm hour is displayed. Next, press the **Minute Button** to set the desired alarm minute.

Remember to set the correct AM or PM if you are using 12 hour clock format.

2. Press the  **Button** again to exit the setting mode. You should hear 2 beeps indicating the alarm is set.

**Note:** Once you set the alarm time, the alarm will be automatically armed, indicated by the **Alarm Icon**. To disarm the alarm, press the  **Button**. The Alarm Icon will disappear and the alarm will not sound at the set time.

**Note:** Make sure to adjust volume level for comfortable wake up volume

4. When the alarm is sounding, the **Alarm Icon** will flash.
  - To snooze during the alarm, press the **Snooze/Dimmer Button**. The alarm will be silenced for 9 minutes, then come on again.
  - To turn the alarm off, press the  **Button**. The alarm will come on again the next day at the same time.
5. If the alarm is not turned off after it sounds, it will play for approximately one hour then turn off automatically. This cycle will repeat every 24 hours unless the controls are changed.

**Note:** Please make sure your iPhone/iPod has enough songs to play for one hour, otherwise please set the iPhone/iPod repeat mode to ON.

**Note:** If there is no iPhone/iPod present or there is no music detected on the iPhone/iPod at alarm time, the iP21 will automatically switch to buzzer alarm.

## Sleep Operation

1. When the iP21 is off or while listening to your iPhone/iPod, press the **Sleep Button** to enter sleep mode. The **Sleep Icon** will appear on the display to indicate it is in sleep mode. Sleep mode has a Gentle Sleep feature which gradually lowers the volume before it shuts off.
2. You can adjust the sleep timer from 90, 60, 30 or 15 minutes by pressing the **Sleep Button** again. The unit will automatically turn off after the selected time.
3. When the display changes back to show the real time, pressing the **Sleep Button** once will show the sleep time remaining. Pressing it again will change the sleep time to the next lowest increment.
4. The iP21 has an independent volume setting for sleep mode so you can adjust the sleeping volume without affecting the alarm volume. Press the **⏮** and **⏭** **Button** on the iP21 to adjust the sleep volume. The sleep volume will remain at that level the next time you enter sleep mode until controls are changed.
5. To stop listening at any time, press the **⏻** **Button** on the iP21 to turn it off.

## Nap Operation

1. Press the **Nap Button** on the top left of the iP21 as needed to set a nap time of 15, 30, 60 or 90 minutes. The alarm will come on after the set duration. If no iPhone or iPod is detected a buzzer alarm will sound. Press the **Nap Button** during the nap cycle to view the nap time remaining. Press again to change to the next highest nap time setting.
2. When Nap timer comes on, the Sleep/Nap icon will flash and unit will play iPhone or Pod (buzzer if no player detected).
3. Press the **⏻** **Button** to turn the nap alarm mode off.

**Note: Sleep and Nap modes are independent; you can not run both at the same time.**

## Snooze/Dimmer Operation

1. Press the **Snooze/Dimmer Button** on the iP21 after the alarm sounds. The alarm will go off and will come on again in approx. 9 minutes. You may repeat this cycle several times during the one hour alarm cycle.
2. During normal operation, press the **Snooze/Dimmer Button** to control the brightness (high, medium, low and off) of the LCD display.

# IMPORTANT SAFETY INSTRUCTIONS

When used in the directed manner, this unit has been designed and manufactured to ensure your personal safety. However, improper use can result in potential electrical shock or fire hazards. Please read all safety and operating instructions carefully before installation and use, and keep these instructions handy for future reference. Take special note of all warnings listed in these instructions and on the unit.

1. **Water and Moisture** – The unit should not be used near water. For example: near a bathtub, washbowl, kitchen sink, laundry tub, swimming pool or in a wet basement.
2. **Ventilation** – The unit should be situated so that its location or position does not interfere with its proper ventilation. For example, it should not be situated on a bed, sofa, rug or similar surface that may block ventilation openings. Also, it should not be placed in a built-in installation, such as a bookcase or cabinet, which may impede the flow of air through the ventilation openings.
3. **Heat** – The unit should be situated away from heat sources such as radiators, heat registers, stoves or other appliances (including amplifiers) that produce heat.
4. **Power Sources** – The unit should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.
5. **Power-Cable Protection** – Power supply cables should be routed so that they are not likely to be walked on or pinched by items placed upon or against them. It is always best to have a clear area from where the cable exits the unit to where it is plugged into an AC socket.
6. **Cleaning** – The unit should be cleaned only as recommended. See the Maintenance section of this manual for cleaning instructions.
7. **Objects and Liquid Entry** – Care should be taken so that objects do not fall and liquids are not spilled into any openings or vents located on the product.
8. **Attachments** – Do not use attachments not recommended by the product manufacturer.
9. **Lightning and Power Surge Protection** – Unplug the unit from the wall socket and disconnect the antenna or cable system during a lightning storm or when it is left unattended and unused for long periods of time. This will prevent damage to the product due to lightning and power-line surges.
10. **Overloading** – Do not overload wall sockets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
11. **Damage Requiring Service** – The unit should be serviced by qualified service personnel when:
  - A. the power supply cable or plug has been damaged.
  - B. objects have fallen into or liquid has been spilled into the enclosure.
  - C. the unit has been exposed to rain.
  - D. the unit has been dropped or the enclosure damaged.
  - E. the unit exhibits a marked change in performance or does not operate normally.
12. **Periods of Nonuse** – If the unit is to be left unused for an extended period of time, such as a month or longer, the power cable should be unplugged from the unit to prevent damage or corrosion.
13. **Servicing** – The user should not attempt to service the unit beyond those methods described in the user's operating instructions. Service methods not covered in the operating instructions should be referred to qualified service personnel.

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# Trouble Shooting

Symptom	Possible Problem	Solution
Unit doesn't respond (no power)	AC adaptor isn't plugged to a wall outlet or the connector is not plugged into the power supply jack on the back of the unit	Plug the AC adaptor into a wall outlet and plug the connector into the power supply jack on the unit
	Wall outlet is not functioning	Plug another device into the same outlet to confirm the outlet is working
iPhone/iPod cannot dock properly	Using no or wrong iPod insert	Make sure the dock insert is the proper fit for your iPhone/iPod
	iPhone/iPod is not docked properly	Remove your iPhone/iPod from the connector and check for any obstruction on the connectors in the dock and on your iPhone/iPod. Then reseal it in the dock.
iPhone/iPod does not respond to the unit	iPhone/iPod is not docked properly	Remove your iPhone/iPod from the connector and check for any obstruction on the connectors in the dock and on your iPhone/iPod. Then reseal it in the dock.
	Your iPhone/iPod software is too old	Upgrade software on your iPhone/iPod via iTunes on your computer
	iPhone/iPod is locked up	Please make sure your iPhone/iPod is working properly before docking it to the unit. Please refer to your iPhone/iPod manual for details on iPhone/iPod operation.
	Using 1 <sup>st</sup> or 2 <sup>nd</sup> generation iPod or other device	iP21 cannot control those iPhone/iPod or other devices.
iPhone/iPod didn't charge up	iPhone/iPod is not docked properly	Remove your iPhone/iPod from the connector and check for any obstruction on the connectors in the dock and on your iPhone/iPod. Then reseal it in the dock.
	iPhone/iPod is locked up/frozen	Please make sure your iPhone/iPod is working properly before docking it to the unit. Please refer to your iPhone/iPod manual for details.
	iPhone/iPod battery has problem	
Sound is distorted	Volume level is set too high	Decrease the volume. Turn off EXB bass effect
	Sound source is distorted	If iPhone/iPod original sound source is poor quality, distortion and noise are easily noticed with high-power speakers. Try a different audio file from a trusted source such as iTunes.

# Limited One Year Warranty Information

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iHome Products, a division of SDI Technologies Inc. (hereafter referred to as SDI Technologies), warrants this product to be free from defects in workmanship and materials, under normal use and conditions, for a period of One Year from the date of original purchase.

Should this product fail to function in a satisfactory manner, it is best to first return it to the store where it was originally purchased. Should this fail to resolve the matter and service still be required by reason of any defect or malfunction during the warranty period, SDI Technologies will repair or, at its discretion, replace this product without charge (except for a \$10.00 charge for handling, packing, return UPS/postage, and insurance). This decision is subject to verification of the defect or malfunction upon delivery of this product to the Factory Service Center listed below. The product must include proof of purchase, including date of purchase. The fee for service without proof of purchase is \$20.00.

Before returning this product for service, please first replace the batteries (if applicable) with fresh ones, as exhausted or defective batteries are the most common cause of problems encountered.

If service is still required:

1. Remove the batteries (if applicable) and pack the unit in a well padded, heavy corrugated box.
2. Enclose a photocopy of your sales receipt, credit card statement, or other proof of the date of purchase, if within the warranty period.
3. Enclose a check or money order payable to the order of SDI Technologies, for the sum of \$10.00 (\$20.00 without proof of purchase).
4. Send the unit prepaid and insured, to the Factory Service Center listed below.

## **Consumer Repair Department**

*SDI Technologies Inc.  
1330 Goodyear Drive  
El Paso, TX 79936-6420*

## Disclaimer of Warranty

**NOTE:** This warranty is valid only if the product is used for the purpose for which it was designed. It does not cover (i) products which have been damaged by negligence or willful actions, misuse or accident, or which have been modified or repaired by unauthorized persons; (ii) cracked or broken cabinets, or units damaged by excessive heat; (iii) damage to digital media players, CD's or tape cassettes (if applicable); (iv) the cost of shipping this product to the Factory Service Center and its return to the owner.

This warranty is valid only in the United States of America and does not extend to owners of the product other than to the original purchaser. In no event will SDI Technologies or any of its affiliates, contractors, resellers, their officers, directors, shareholders, members or agents be liable to you or any third party for any consequential or incidental damages, any lost profits, actual, exemplary or punitive damages. (Some states do not allow limitations on implied warranties or exclusion of consequential damages, so these restrictions may not apply to you.) This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Your acknowledgement and agreement to fully and completely abide by the above mentioned disclaimer of warranty is contractually binding to you upon your transfer of currency (money order, cashier's check, or credit card) for purchase of your SDI Technologies product.

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